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EYE TRACKING METHOD BASED ON
CORRELATION AND DETECTED EYE MOVEMENT

Abstract of the Disclosure

An eye tracking method tracks a subject's eye template by correlation between successive video frames, and periodically updates the eye template based on detected characteristic eye or eyelid movement such as blinking, eyelash movement and iris movement. In the absence of eyelid motion detection, a state vector corresponding to the center of the subject's eye is determined by a correlation technique, and when eyelid motion is detected, the state vector is determined based on the location of the detected motion.